



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D2739
Job Sheet 200802



Part No: D2739

Job Qty: 5 pcs

Part Name: 350 I-Beam



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/18/19

Job Tracking No:

Due Date: 10/11/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG D2739 REV E IPP Rev: C 02.11.28 Reformat KJ IPP Rev: D 06-03-21 As Per Rev C JLM IPP Rev: E 07-07-28 As per Rev D JLM Verified By: IPP Rev: F 10.11.02 as per revE DD verf:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier		Sign-off
							Workcenter / Supplier	Lead Time	
100	Skidtubes - 1	5 pcs	10/11/19		0.00	2.70	Skidtubes - 1		
							Skidtubes - 2		
							Skidtubes - 3		
							Skidtubes - 4		
							Skidtubes - 5		
							Skidtubes - 6		
							Skidtubes - 7		
110	QC 5	5 pcs	10/11/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
120	Handfinish - 1-1 Chemical-B4B	5 pcs	10/11/19		0.00	0.42	Handfinish - 1 - 1 - B4B		
							Handfinish - 1 - 2 - B4B		
							Handfinish - 1 - 3 - B4B		
							Handfinish - 1 - 4 - B4B		



Container No: S219546



Part: D2739

Job No: 200802

Serial No/Batch: S219546

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/03/19

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				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
130	QC 7	5	10/11/19	0.00 0.00	QC 7 - 10
		pcs			QC 7 - 13
					QC 7 - 14
					QC 7 - 15
					QC 7 - 17
					QC 7 - 18
					QC 7 - 19
					QC 7 - 2
					QC 7 - 28
					QC 7 - 3
					QC 7 - 30
					QC 7 - 34
					QC 7 - 36
					QC 7 - 37
					QC 7 - 41
					QC 7 - 47
					QC 7 - 48
					QC 7 - 51
					QC 7 - 58
					QC 7 - 59
					QC 7 - 60
					QC 7 - 9
					QC 7 - 68
					QC 7 - 50
					QC 7 - 67
					QC 7 - 40
					QC 7 - 24
					QC 7 - 43
					QC 7 - 61
					QC 7 - 81

140 Packaging 3-1 - Stock - B4B	5 pcs	10/11/19	0.00 0.00	QC 7 - 76-79	100
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	TF
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
150 QC 21 - SA	5 pcs	10/11/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21 OCT 09 2019
				QC 21 - SA - 53	9-39

Part Op 100 - (Skidtubes) 1-Cut D2600-5 to length as per Dwg D2739. 2-Drill pilot holes in web using drilling Jig DT8162 as per Descriptions: Dwg D2739 3-Use uni-bit to open holes to finish size as per Dwg D2739. 4-Bevel Fwd end of extrusion and Deburr holes and ends.

110 - QC5- Inspect part completeness to step on W/O

120 - (Chemical Conversion Coat per QSI005 4.1)

130 - (QC7- Inspect Chemical Conversion Coat)

140 - (Identify as per dwg & Stock Location: LG002) LOCATION : LG002

150 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2600-5-108	Extrusion I-Beam Thin	5 pcs (1 ea)	100-Skidtubes - 1	5146203

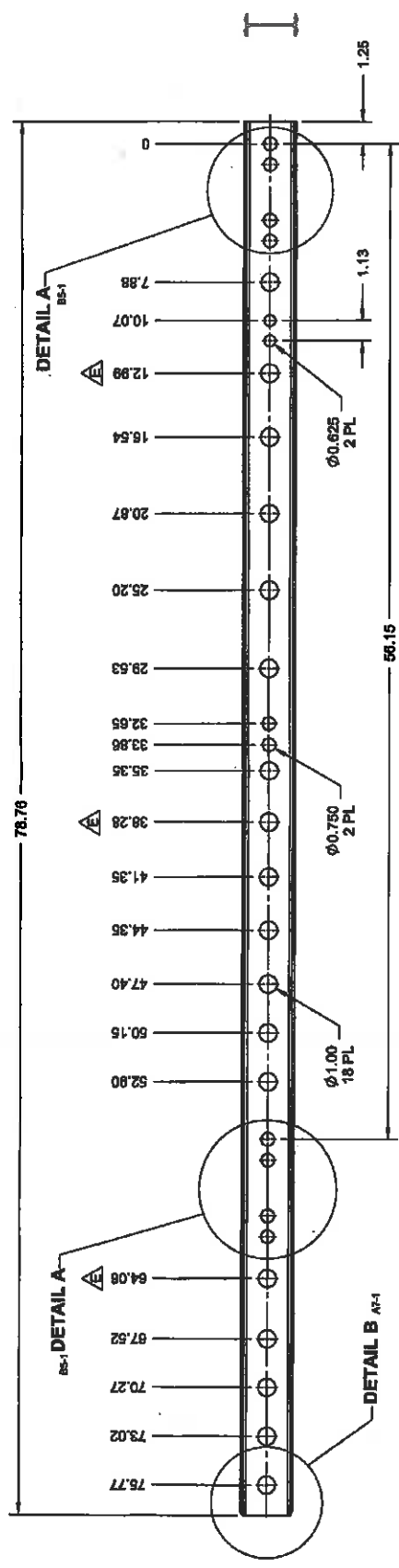
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Skidtubes - 1	D2600-5-108	5	170	0

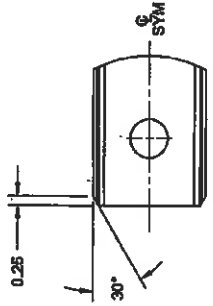
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Web	78.760Inches ± 0.030	78.790 78.730		
2	Web	1.180Inches ± 0.010	1.190 1.170		
3	Web	3.150Inches ± 0.010	3.160 3.140		
4	Web	1.180Inches ± 0.010	1.190 1.170		
5	Web	0.250Inches ± 0.030	0.280 0.220		
6	Web	30.000Degrees + 0.500 - 5.000	30.500 25.000	Angle	
7	Web	1.250Inches ± 0.030	1.280 1.220		
8	Web	7.880Inches ± 0.030	7.910 7.850		
9	Web	10.070Inches ± 0.030	10.100 10.040		
10	Web	12.990Inches ± 0.030	13.020 12.960		
11	Web	16.540Inches ± 0.030	16.570 16.510		
12	Web	20.870Inches ± 0.030	20.900 20.840		
13	Web	25.200Inches ± 0.030	25.230 25.170		
14	Web	29.530Inches ± 0.030	29.560 29.500		
15	Web	32.650Inches ± 0.030	32.680 32.620		
16	Web	33.860Inches ± 0.030	33.890 33.830		
17	Web	35.350Inches ± 0.030	35.380 35.320		
18	Web	38.280Inches ± 0.030	38.310 38.250		
19	Web	41.350Inches ± 0.030	41.380 41.320		
20	Web	44.350Inches ± 0.030	44.380 44.320		
21	Web	47.400Inches ± 0.030	47.430 47.370		
22	Web	50.150Inches ± 0.030	50.180 50.120		
23	Web	52.900Inches ± 0.030	52.930 52.870		
24	Web	64.060Inches ± 0.030	64.090 64.030		
25	Web	70.270Inches ± 0.030	70.300 70.240		
26	Web	73.020Inches ± 0.030	73.050 72.990		
27	Web	75.770Inches ± 0.030	75.800 75.740		
28	Web	56.150Inches ± 0.030	56.180 56.120		

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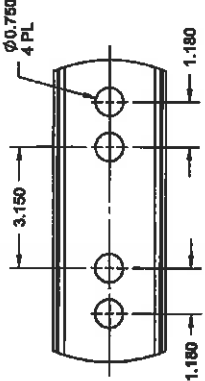
1 2 3 4 5 6 7 8



D2739 WEB



DETAIL B AS-1
SCALE 3X



DETAIL A BS-1
SCALE 3X

RELEASED
H 2010-11-01

REV.	DESCRIPTION	DATE
E	ADD REMOVE HOLES FOR DART WEAR PLATE, 38.28 WAS 35.35 (DS-1) 38.28 WAS 34.77 (DS-1) ADD HOLE (DS-1)	CP 10.10.08
D	ADD REVEL TO FWD END; ADD DETAIL B	CB 07.05.28
C	ADD REMOVE HOLES FOR COMPATIBILITY WITH APICAL	PH 08.01.05
B	CHANGE HOLES FOR COMPATIBILITY WITH AIRCRAFTER	CP 08.11.18
A	NEW ISSUE	DS 08.04.18
DESIGN	DS	BY
DRAWN	DS	DATE
CHECKED	DS	
MFG. APPR.	DS	
APPROVED	DS	
DE APPR.	DS	
DATE	10.10.08	

DART AEROSPACE USA, INC.
PORT HADLOCK, WA

DRAWING NO. D2739
REV. E
SHEET 1 OF 1
SCALE NTS

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- NOTES:
- 1) MATERIAL: MAKE FROM D2600-S EXTRUSION
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: DART P/N "D2739" AND ENI PER DART QSI 044 6.1
 - 7) WEIGHT: 3.41 lbs

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SUBJECT TO ALL

200802 MJS
19-09-18



Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only

NCR No. _____

Job: _____

Part No. _____

DISPOSITION

Rework ☐ ☐ ☐
Scrap ☐ ☐ ☐
Use-as-is ☐ ☐ ☐

DEPARTMENT/PROCESS

Skid-tube ☐ ☐ ☐
Machining ☐ ☐ ☐
Large Fab ☐ ☐ ☐

Cross tube ☐ ☐ ☐
Small Fab ☐ ☐ ☐
Finishing ☐ ☐ ☐

Eng. (Non-AW) ☐ ☐ ☐
Prod. Eng. Coord. ☐ ☐ ☐
Rec/Store/Packaging ☐ ☐ ☐

Engineering ☐ ☐ ☐
Water Jet ☐ ☐ ☐
Supplier ☐ ☐ ☐
Quality ☐ ☐ ☐

Date: _____

Sequence #: _____

QTY Affected: _____

MRB (QS1042)

Description Work Order Deviation

Disposition

Completed By _____

Lead hand / Supervisor _____

QC / QA Coordinator _____

Root Cause

Operator ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Manufacturing Process ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Equip/Tooling ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Handling/Preservation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Material ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Product Improvement ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Process Improvement ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Human Factors ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

FAULT CATEGORY

Pressure/Forced ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bending ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Crushing ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Cracks ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Crimp/Kink/Ripple/Wave/Twist ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Marks/Chatter ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Mislabeled ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Other/Details: _____

Contamination ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Misaligned/off center ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
BOM/Route ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Broken/Damage/Defect ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Incomplete/Unclear Instructions ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Drill Holes ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Fit/Function ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Power Loss/Surge ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Folio/Program ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Grain Direction ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Weld ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Wrong Stock Pulled ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Out of Sequence ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Off-set/Set-up ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Positioned Wrong ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Outside Tolerance ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Drawing ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Finish ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Part Lost/Missing ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Misread ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐